

ABSTRACT

The present invention provides an exhaust gas
purifying catalyst and a process for producing a metal
oxide particle comprising multiple species of metal
5 oxides and capable of satisfactorily exerting the
properties of respective metal oxides. A process of the
present invention comprises providing a sol containing at
least a population of first colloid particles and a
10 population of second colloid particles differing in the
isoelectric point with each other; adjusting the pH of
the sol to be closer to the isoelectric point of the
population of first colloid particles than to the
isoelectric point of the population of second colloid
15 particles, thereby aggregating the population of first
colloid particles; adjusting the pH of the sol, thereby
aggregating the population of second colloid particles
onto the population of first colloid particles
aggregated; and drying and firing the obtained aggregate.